



SEQUENCE LISTING

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FREY, NORBERT

<120> METHODS AND COMPOSITIONS RELATING TO MUSCLE SPECIFIC
CALCINEURIN ASSOCIATED PROTEIN (CAP)

<130> UTSD:729US

<140> 10/045,594

<141> 2001-11-07

<150> 60/246,629

<151> 2000-11-07

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<170> PatentIn Ver. 2.1

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<210> 10

<211> 251

<212> PRT

<213> Homo sapiens

<400> 10

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Met Ile Pro Lys Glu Gln Lys Gly Pro Val Met Ala Ala Met Gly Asp
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Leu Thr Glu Pro Val Pro Thr Leu Asp Leu Gly Lys Lys Leu Ser Val
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Pro Gln Asp Leu Met Met Glu Glu Leu Ser Leu Arg Asn Asn Arg Gly
      35             40             45

Ser Leu Leu Phe Gln Lys Arg Gln Arg Arg Val Gln Lys Phe Thr Phe
      50             55             60

Glu Leu Ala Ala Ser Gln Arg Ala Met Leu Ala Gly Ser Ala Arg Arg
      65             70             75             80

Lys Val Thr Gly Thr Ala Glu Ser Gly Thr Val Ala Asn Ala Asn Gly
      85             90             95

Pro Glu Gly Pro Asn Tyr Arg Ser Glu Leu His Ile Phe Pro Ala Ser
      100            105            110

Pro Gly Ala Ser Leu Gly Gly Pro Glu Gly Ala His Pro Ala Ala Ala
      115            120            125

Pro Ala Gly Cys Val Pro Ser Pro Ser Ala Leu Ala Pro Gly Tyr Ala
      130            135            140

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Glu Pro Leu Lys Gly Val Pro Pro Glu Lys Phe Asn His Thr Ala Ile
 145 150 155 160

Pro Lys Gly Tyr Arg Cys Pro Trp Gln Glu Phe Val Ser Tyr Arg Asp
 165 170 175

Tyr Gln Ser Asp Gly Arg Ser His Thr Pro Ser Pro Asn Asp Tyr Arg
 180 185 190

Asn Phe Asn Lys Thr Pro Val Pro Phe Gly Gly Pro Leu Val Gly Gly
 195 200 205

Thr Phe Pro Arg Pro Gly Thr Pro Phe Ile Pro Glu Pro Leu Ser Gly
 210 215 220

Leu Glu Leu Leu Arg Leu Arg Pro Ser Phe Asn Arg Val Ala Gln Gly
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Trp Val Arg Asn Leu Pro Glu Ser Glu Glu Leu
 245 250

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 <212> DNA
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 ccaatttcaa cagggttgct cagggtctggg tccggaagct cccggagtct gaggaactgt 840
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 aaaaaaaaaa aaa 913

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 <212> PRT
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Leu Ala Glu Pro Val Pro Ser Leu Asp Leu Gly Lys Lys Leu Ser Val
 20 25 30

Pro Gln Asp Leu Met Ile Glu Glu Leu Ser Leu Arg Asn Asn Arg Gly
 35 40 45

Ser Leu Leu Phe Gln Lys Arg Gln Arg Arg Val Gln Lys Phe Thr Phe
 50 55 60

Glu Leu Ser Glu Ser Leu Gln Ala Ile Leu Ala Ser Ser Ala Arg Gly
 65 70 75 80

Lys Val Ala Gly Arg Ala Ala Gln Ala Thr Val Pro Asn Gly Leu Glu
 85 90 95

Glu Gln Asn His His Ser Glu Thr His Val Phe Gln Gly Ser Pro Gly
 100 105 110

Asp Pro Gly Ile Thr His Leu Gly Ala Ala Gly Thr Gly Ser Val Arg
 115 120 125

Ser Pro Ser Ala Leu Ala Pro Gly Tyr Ala Glu Pro Leu Lys Gly Val
 130 135 140

Pro Pro Glu Lys Phe Asn His Thr Ala Ile Pro Lys Gly Tyr Arg Cys
 145 150 155 160

Pro Trp Gln Glu Phe Thr Ser Tyr Gln Asp Tyr Ser Ser Gly Ser Arg
 165 170 175

Ser His Thr Pro Ile Pro Arg Asp Tyr Arg Asn Phe Asn Lys Thr Pro
 180 185 190

Val Pro Phe Gly Gly Pro His Val Arg Glu Ala Ile Phe His Ala Gly
 195 200 205

Thr Pro Phe Val Pro Glu Ser Phe Ser Gly Leu Glu Leu Leu Arg Leu
 210 215 220

Arg Pro Asn Phe Asn Arg Val Ala Gln Gly Trp Val Arg Lys Leu Pro
 225 230 235 240

Glu Ser Glu Glu Leu
 245